AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions of claims in the application.

1.   (Currently Amended) A portable electronic device comprising:

an imager coupled to the portable electronic device;

a laser scanner coupled to the portable electronic device; and

an application specific integrated circuit (ASIC) comprising circuitry for communicating with the imager and laser scanner.

2.   (Original) The portable electronic device of claim 1, further comprising a data blender adapted to receive data from multiple sources and distribute the data to multiple destinations based on a type or content of the data.

3.   (Original) The portable electronic device of claim 1, the portable electronic device being a bar code reading terminal.

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4.   (Original) The portable electronic device of claim 1, the ASIC further comprising circuitry for carrying out at least one of the following functions:

power management;

wake up control and power down;

critical suspend shutdown;

warm boot and cold boot;

serial port for WAN radio;

matrix keyboard scanning;

IP security;

analog converters;

touch panel;

smart and dumb battery;

modular memory IDE interface;

fingerprint reader;

USB host; and

magnetic stripe interface.

5.   (Original) The ASIC of claim 4, the smart and dumb battery function including a gas gauging function

6.   (Original) The ASIC of claim 4, the smart and dumb battery function including a cycle life function.

7.   (Original) The ASIC of claim 4, the smart and dumb battery function including a charge control function.

8.   (Original) The ASIC of claim 4, the smart and dumb battery being a Ni-MH battery.

9.   (Original) The ASIC of claim 4, the smart and dumb battery being a Li-

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Ion battery.

10.   (Original) The ASIC of claim 4, the modular memory IDE interface function including a NAND memory function.

11.   (Original) The ASIC of claim 4, the modular memory IDE interface function including a CF card function.

12.   (Withdrawn) A portable data collection system, comprising:

a bar code reading terminal;

a data blender adapted to receive data from multiple sources and distribute the data to multiple destinations based on a type or content of the data; and

an application specific integrated circuit (ASIC) having circuits for communicating with an imager and a laser scanner and at least one of the following functions:

power management;

wake up control and power down;

critical suspend shutdown;

warm boot and cold boot;

serial port for WAN radio;

matrix keyboard scanning;

IP security;

analog converters;

touch panel;

smart and dumb batteries;

modular memory IDE interface;

fingerprint reader;

USB host; and

magnetic stripe interface.

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13.   (Withdrawn) The system of claim 12 providing a shared data path into a system memory for both the laser scanner and the imager data.

14.   (Withdrawn) An application specific integrated circuit (ASIC) having circuits for communicating with an imager and a laser scanner and at least one of the following functions:

     power management;

     wake up control and power down;

     critical suspend shutdown;

     warm boot and cold boot;

     serial port for WAN radio;

     matrix keyboard scanning;

     IP security;

     analog converters;

     touch panel;

     smart and dumb batteries;

     modular memory IDE interface;

     fingerprint reader;

     USB host; and

     magnetic stripe interface.

15.   (Withdrawn) A portable data collection system, comprising:

a bar code reading terminal; and

an application specific integrated circuit (ASIC) having circuits for implementing the following functions:

laser scanning;

imaging;

power management;

wake up control and power down;

critical suspend shutdown;

warm boot and cold boot;

serial port for WAN radio;

matrix keyboard scanning;

IP security;

analog converters;

touch panel;

smart and dumb batteries;

modular memory IDE interface;

fingerprint reader;

USB host; and

magnetic stripe interface.

16.   (Withdrawn) The portable data collection system of claim 15, further comprising a data blender adapted to receive data from multiple sources and distribute the data to multiple destinations based on a type or content of the data.

17.   (Withdrawn) The portable data collection system of claim 16, the data from the multiple sources being decoded within the system.

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18.   (Withdrawn) The portable data collection system of claim 17, the data from the multiple sources being decoded offline and processed on the bar code reading terminal at a later time.

19.   (Withdrawn) The portable data collection system of claim 16, the data from the multiple sources being routed through a common driver.

20.   (Withdrawn) The portable data collection system of claim 16, the data from the multiple sources being at least one of biometrics data, magstripe data, and RFID data.